

H.17 VEHICLE STORAGE COST (AS REQUIRED)

Government liability for storage costs shall commence 45 working days after the date of acceptance as shown by the signed DD Form 250, if either approval to ship or the shipping instructions have not been provided to you by that date. Storage Charges per Unit, will be priced in Section B, include your performing maintenance upon the stored vehicles in accordance with procedures in clause H.18.

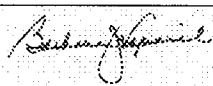
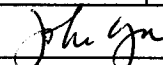

H.18 MAINTENANCE PROCEDURES FOR STORAGE OF GOVERNMENT VEHICLES:**a. Procedures at 45 Working Days in Storage:**

- (1) Conduct visual inspection of vehicles for deterioration, loose parts, oil leaks, broken equipment, tires and general condition of the vehicle and repair as necessary.
- (2) Check engine oil and transmission fluid levels, and fill as needed.
- (3) Check radiator for coolant level. If additional anti-freeze mixture is added to the vehicle, check and record the concentration level.
- (4) Check batteries for the proper levels.
- (5) Shift transfer case into neutral, start engine and idle for 10 minutes. After 10 minutes of engine idle, operate engine for 5 minutes at 1500 RPM or until the engine water temperature reaches 180 degrees Fahrenheit. Shift the transmission slowly through all gear selector positions. Then return the transmission to neutral and the transfer case to high range.
- (6) Move vehicle 30 feet forward and reverse.
- (7) Idle engine 10 minutes before shutdown.
- (8) Check grease coating on all unpainted surfaces. If grease was wiped from unpainted surfaces when vehicle was moved, recoat those surfaces.
- (9) Note items checked and corrective action performed on Truck Storage Record Form and annotate badge number.

b. Procedures at 90 Working Days in Storage:

- (1) Conduct visual inspection of vehicles for deterioration, loose parts, oil leaks, broken equipment, tires and general condition of vehicle and repair as necessary.
- (2) Perform all monthly exercises.
- (3) Drive vehicle 1/4 mile.
- (4) Exercise all ancillary equipment and dump body. When finished, return all equipment to stowed position.

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 01/11/28		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.						2. PROCURING ACTIVITY NO.	
						3. DODACC 64678	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.							
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP		
a. TYPED NAME (First, Middle Initial, Last) Kenneth B. Shaw		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97208			1		
					6. JUST. CODE 0		7. PRIORITY R
8. ECP DESIGNATION				9. BASELINE AFFECTED			
a. MODEL TYPE M916A3 - EM		b. CAGE CODE 64678		c. SYSTEM DESIGNATION M916A3 EQUIPMENT TRANSPORT		(X) FUNCTIONAL (X) PRODUCT () ALLOCATED	
d. ECP NO. E01-0081				e. TYPE F		f. REV.	
				10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO			
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev. NOR
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE M916A3 ENHANCED MOBILITY							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last): Richard K. Kulczycki			
				b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 810-574-6873			
16. CONFIGURATION ITEM NOMENCLATURE M916A3 ENHANCED MOBILITY - CTIS AND DIRECTIONAL REAR TIRE ADDITIONS							17. IN PRODUCTION () YES (X) NO
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE SEE ATTACHED PARTS LISTING				b. PART NO. SEE ATTACHED		c. NSN	
19. DESCRIPTION OF CHANGE M916A3 ENHANCED MOBILITY - CTIS AND DIRECTIONAL REAR TIRE ADDITIONS							
20. NEED FOR CHANGE REQUEST FROM TACOM - M916A3 ENHANCED MOBILITY CONFIGURATION							
21. RETROFIT POPULATION BY SERIAL NUMBER NONE				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE NONE			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT Non-Rec: \$31,997.67 - Recurring: \$11,272.76				25. ESTIMATED NET TOTAL COSTS / SAVINGS Non-Rec: \$31,997.67 - Recurring: \$11,272.76			
26. SUBMITTING ACTIVITY November 28, 2001				b. TITLE BARBARA J. VOPARIL			
a. AUTHORIZED SIGNATURE Barbara J. Voparil				CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL							
a. CLASS I (X) Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV		e. SIGNATURE Jh Yu		f. DATE SIGNED (YYMMDD) 2003/04/16			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC		i. SIGNATURE Gloria McCracken		j. DATE SIGNED (YYMMDD) 030922	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20020618		Form Approved OMB No. 0704-0188	
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								3. DODACC 64678	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.									
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)				5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217				1			
						6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION						9. BASELINE AFFECTED			
a. MODEL TYPE M916A3/M917A2		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Medium Equipment Transport/Dump		() FUNCTIONAL (X) PRODUCT () ALLOCATED			
d. ECP NO. E02-0086				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.		Rev.	SCN	CAGE Code	Number	Rev.	NOR
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Front Drive Axle Revisions									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-5022						15. PROCURING CONTRACTING OFFICER			
						a. NAME (First, Middle Initial, Last): Gloria McCracken			
						b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-674-6524			
16. CONFIGURATION ITEM NOMENCLATURE Front Drive Axle								17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN			
19. DESCRIPTION OF CHANGE Add Limited Slip to Front Drive Axle.									
20. NEED FOR CHANGE Front drive axle requires Limited Slip for Enhanced Mobility in the M916A3 and the M917A2									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER J38653 - M916A3 PVT and J80850/J80851 - M917A2 PVT						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A					
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A					
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT Non-Rec: \$863.71 - Recurring: \$40.93				25. ESTIMATED NET TOTAL COSTS / SAVINGS Non-Rec: \$863.71 - Recurring: \$40.93					
26. SUBMITTING ACTIVITY				b. TITLE BARBARA VOPARIL CONTRACTS MANAGER					
a. AUTHORIZED SIGNATURE  4/22/03									
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval () Disapproval Recommended Recommended			b. CLASS II () Approval () Disapproval			c. CLASS II () Concur in Classify- () Do Not Concur in Classify- action of Change action of change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV			e. SIGNATURE 			f. DATE SIGNED (YYMMDD) 2003/04/23			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC		i. SIGNATURE 		j. DATE SIGNED (YYMMDD) 030922			

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20020513		Form Approved OMB No. 0704-0188	
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4. ORIGINATOR			b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs			Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217			1			
						6. JUST. CODE		7. PRIORITY	
						0		R	
8. ECP DESIGNATION						9. BASELINE AFFECTED			
a. MODEL TYPE		b. CAGE CODE		c. SYSTEM DESIGNATION		() FUNCTIONAL (X) PRODUCT			
M916A3		64678		Medium Equipment Transport		() ALLOCATED			
d. ECP NO.				e. TYPE		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED	
E02-0091				F				() YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.			Rev.	SCN	CAGE Code	Number	Rev. NOR
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE									
Addition of Auxiliary Trailer Hydraulics to Winch									
14. CONTRACT NO. AND LINE ITEM						15. PROCURING CONTRACTING OFFICER			
DAAE07-00-D-S022						a. NAME (First, Middle Initial, Last): Greg Dixon			
						b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE								17. IN PRODUCTION	
Auxiliary Trailer Hydraulics - Winch								() YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE					b. PART NO.		c. NSN		
See attached parts listing.					See attached				
19. DESCRIPTION OF CHANGE									
Add Auxiliary Trailer Hydraulic Kit to the Winch for the M916A3. See the description below: "3.8.7.4 - Auxiliary Hydraulic System - An auxiliary hydraulic system shall be furnished to provide hydraulic power for the trailer."									
20. NEED FOR CHANGE									
TACOM requested revision.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE			
J38653 - PVT Truck						None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY					b. SHIP / VEHICLE CLASS AFFECTED				
N/A					N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED				
N/A					N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT					25. ESTIMATED NET TOTAL COSTS / SAVINGS				
Non-Rec: \$8637.12 - Recurring: \$736.85					Non-Rec: \$8637.12 - Recurring: \$736.85				
26. SUBMITTING ACTIVITY					b. TITLE				
Barbara J. Voparil					BARBARA VOPARIL				
a. AUTHORIZED SIGNATURE					CONTRACTS MANAGER				
23-Jan-03									
27. APPROVAL / DISAPPROVAL									
a. CLASS I			b. CLASS II			c. CLASS II			
(X) Approval () Disapproval			() Approval () Disapproval			() Concur in Classification of Change () Do Not Concur in Classification of change			
Recommended Recommended									
d. GOVERNMENT ACTIVITY			e. SIGNATURE			f. DATE SIGNED (YYMMDD)			
AMSTA-TR-EIHTV			[Signature]			2003 Apr 7			
g. APPROVAL		h. GOVERNMENT ACTIVITY		i. SIGNATURE		j. DATE SIGNED (YYMMDD)			
(X) APPROVED () DISAPPROVED		AMSTA-AG-ATBC		[Signature]		030922			

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20020328		Form Approved OMB No. 0704-0188	
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4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)				5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217				1			
						6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION						9. BASELINE AFFECTED			
a. MODEL TYPE M916A3		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Medium Equipment Transport		() FUNCTIONAL (X) PRODUCT () ALLOCATED			
d. ECP NO. E02-0092				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.			Rev.	SCN	CAGE Code	Number	Rev.
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Addition of Eaton VORAD Collision Avoidance System									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER			
						a. NAME (First, Middle Initial, Last): Greg Dixon			
						b. CODE: AMSTA-LG-CHAB		c. TELEPHONE NO: 586-547-6873	
16. CONFIGURATION ITEM NOMENCLATURE Eaton VORAD System								17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.					b. PART NO. See attached		c. NSN		
19. DESCRIPTION OF CHANGE Add Eaton VORAD collision avoidance system to the M916A3 per TACOM request.									
20. NEED FOR CHANGE TACOM requested revision.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER J21550 - FPVI Trucks						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT Non-Rec: \$4988.78 - Recurring: \$2061.28					25. ESTIMATED NET TOTAL COSTS / SAVINGS Non-Rec: \$4988.78 - Recurring: \$2061.28				
26. SUBMITTING ACTIVITY FREIGHTLINER LLC Barbara J. Voparil					b. TITLE BARBARA VOPARIL				
a. AUTHORIZED SIGNATURE April 18, 2002					CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval () Disapproval Recommended Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-EI/HTV			e. SIGNATURE John Lynn			f. DATE SIGNED (YYMMDD) 2003 Apr 7			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC		i. SIGNATURE Gloria McCracken		j. DATE SIGNED (YYMMDD) 030922			

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20030213		Form Approved OMB No. 0704-0188	
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4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)				5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217				1		6. JUST. CODE 0	
								7. PRIORITY R	
8. ECP DESIGNATION						9. BASELINE AFFECTED			
a. MODEL TYPE M915A3/6A3/7A2		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul/MET/Dump		() FUNCTIONAL (X) PRODUCT () ALLOCATED			
d. ECP NO. E03-0133				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.			Rev.	SCN	CAGE Code	Number	Rev. NOR
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Removal of Front Shackles									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER			
						a. NAME (First, Middle Initial, Last): Gloria McCracken			
						b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-574-6524			
16. CONFIGURATION ITEM NOMENCLATURE Front Shackles								17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.					b. PART NO. See attached		c. NSN		
19. DESCRIPTION OF CHANGE TACOM has requested the removal of the front shackles on the front bumper.									
20. NEED FOR CHANGE Military request because these parts are not used.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT Recurring: -\$128.93 Non-Recurring: \$1185.62					25. ESTIMATED NET TOTAL COSTS / SAVINGS Recurring: -\$128.93 Non-Recurring: \$1185.62				
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE <i>Barbara Voparil</i> 3/31/2003					b. TITLE BARBARA VOPARIL CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval () Disapproval Recommended Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HIV			e. SIGNATURE <i>ph yn</i>			f. DATE SIGNED (YYMMDD) 2003 Jun 5			
g. APPROVAL (X) APPROVED () DISAPPROVED			h. GOVERNMENT ACTIVITY AMSTA-AG-ATBC			i. SIGNATURE <i>Gloria McCracken</i>			j. DATE SIGNED (YYMMDD) 030922

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20020813		Form Approved OMB No. 0704-0188			
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						3. DODACC 64678			
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		b. ADDRESS (Street, City, State, Zip Code) Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		5. CLASS OF ECP 1		6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION a. MODEL TYPE M915A3				b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul		9. BASELINE AFFECTED () FUNCTIONAL (X) PRODUCT () ALLOCATED	
d. ECP NO. E02-0096				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
a. SYSTEM		CAGE Code		Specification/Document No.		Rev.		SCN	
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Dash Panel Revisions									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER a. NAME (First, Middle Initial, Last): Greg Dixon b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE Dash Panels								17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN			
19. DESCRIPTION OF CHANGE The vinyl laminate used on past Military truck dashes is no longer available.									
20. NEED FOR CHANGE Supreme walnut will be the new pattern used in the new Military dashes. Old and new patterns are not interchangeable due to a color difference.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER K37325 - October 18, 2002						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A					
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A					
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact.				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact.					
26. SUBMITTING ACTIVITY 14-Oct-02				b. TITLE BARBARA VOPARIL					
a. AUTHORIZED SIGNATURE Barbara J. Voparil				CONTRACTS MANAGER					
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HVU			e. SIGNATURE John L. Tubbs			f. DATE SIGNED (YYMMDD) 2002 Nov 26			
g. APPROVAL (X) APPROVED () DISAPPROVED			h. GOVERNMENT ACTIVITY AMSTA-AQ-ATRB			i. SIGNATURE Cherry M. Dyer			j. DATE SIGNED (YYMMDD) 2002 NOV 26

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20020814		Form Approved OMB No. 0704-0188	
<p>Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defence, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503</p> <p>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</p>						2. PROCURING ACTIVITY NO.	
						3. DODACC 64678	
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		b. ADDRESS (Street, City, State, Zip Code) Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		5. CLASS OF ECP 1			
				6. JUST. CODE 0			
				7. PRIORITY R			
8. ECP DESIGNATION				9. BASELINE AFFECTED			
a. MODEL TYPE M915A3		b. CAGE CODE 64678		() FUNCTIONAL (X) PRODUCT () ALLOCATED			
c. SYSTEM DESIGNATION Line Haul							
d. ECP NO. E02-0097		e. TYPE F		f. REV. 1			
				10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO			
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
CAGE Code		Specification/Document No.		Rev.	SCN		
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE Washer Bottle Fill Hose Revisions.							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last): Greg Dixon			
				b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE Washer Bottle Fill Hose Revision					17. IN PRODUCTION (X) YES () NO		
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE See attached parts listing.			b. PART NO. See attached		c. NSN		
19. DESCRIPTION OF CHANGE The Portland Truck Plant is making a change to clear hose for the washer bottle fill hose.							
20. NEED FOR CHANGE All commercial and Military trucks will use common hoses in the TMP.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER J38599 - May 6, 2002				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A			b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A			d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.			25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.				
26. SUBMITTING ACTIVITY 14-Oct-02			b. TITLE BARBARA VOPARIL				
a. AUTHORIZED SIGNATURE Barbara J. Voparil			CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL							
a. CLASS I () Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-EI/HTV		e. SIGNATURE <i>[Signature]</i>		f. DATE SIGNED (YYMMDD) 2002			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAB		i. SIGNATURE <i>[Signature]</i>			
				j. DATE SIGNED (YYMMDD) 2002 NOV 26			

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20020924		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defence, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503								2. PROCURING ACTIVITY NO.	
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4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)				5. CLASS OF ECP		6. JUST. CODE	
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217				1		0	
3. ECP DESIGNATION						9. BASELINE AFFECTED		7. PRIORITY	
a. MODEL TYPE		b. CAGE CODE		c. SYSTEM DESIGNATION		() FUNCTIONAL (X) PRODUCT		() YES (X) NO	
M915A3		64678		Line Haul		() ALLOCATED			
d. ECP NO. E02-0098				e. TYPE F		f. REV.		10. OTHER SYS/CONFIG. ITEMS AFFECTED	
								() YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
		CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.	NOR
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Fan Belt Tensioner Changes									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER			
						a. NAME (First, Middle Initial, Last): Greg Dixon			
						b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE Fan Belt Tensioner								17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN			
19. DESCRIPTION OF CHANGE Detroit Diesel has revised the fan belt tensioner to improve durability.									
20. NEED FOR CHANGE Detroit Diesel has improved the durability of the fan belt tensioner. The existing part will be more expensive and recommends the change to the new tensioner.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER K37305 - 10/10/02						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.					25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.				
26. SUBMITTING ACTIVITY 14-Oct-02					b. TITLE BARBARA VOPARIL				
a. AUTHORIZED SIGNATURE Barbara J. Voparil					CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval () Disapproval Recommended Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV			e. SIGNATURE [Signature]			f. DATE SIGNED (YYMMDD) 2003 Jan 24			
g. APPROVAL (X) APPROVED () DISAPPROVED			h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAS			i. SIGNATURE [Signature]			j. DATE SIGNED (YYMMDD) 03 Jan 27

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20020924		Form Approved OMB No. 0704-0188	
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						3. DODACC 64678	
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)		5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		1		6. JUST. CODE 0	
						7. PRIORITY R	
8. ECP DESIGNATION				9. BASELINE AFFECTED			
a. MODEL TYPE M915A3		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul		() FUNCTIONAL (X) PRODUCT () ALLOCATED	
d. ECP NO. E02-0099		e. TYPE F		f. REV.		10. OTHER SYS/CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE CARC paint revisions							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last): Greg Dixon			
				b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE Several parts required paint clarification on drawings.						17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE See attached parts listing.			b. PART NO. See attached		c. NSN		
19. DESCRIPTION OF CHANGE Revise several drawings so the commercial and Military parts are painted correctly.							
20. NEED FOR CHANGE With the closure of the Portland Parts Plant, several drawings needed revisions so outside suppliers could provide parts with Military spec paint.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD.				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.			
26. SUBMITTING ACTIVITY 14-Oct-02				b. TITLE BARBARA VOPARIL			
a. AUTHORIZED SIGNATURE Barbara J. Voparil				CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL							
a. CLASS I (X) Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV		e. SIGNATURE John Xu		f. DATE SIGNED (YYMMDD) 2002 Nov 26			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAB		i. SIGNATURE Gregory M. Dixon		j. DATE SIGNED (YYMMDD) 2002 Nov 26	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20021014		Form Approved OMB No. 0704-0188	
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						3. DODACC 64678	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.							
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP		
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217			1		
					6. JUST. CODE 0		7. PRIORITY R
8. ECP DESIGNATION					9. BASELINE AFFECTED		
a. MODEL TYPE M915A3		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul		() FUNCTIONAL (X) PRODUCT () ALLOCATED	
d. ECP NO. E02-0100				e. TYPE F	f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO
11. SPECIFICATIONS AFFECTED					12. DRAWINGS AFFECTED		
	CAGE Code	Specification/Document No.		Rev.	SCN	CAGE Code	Number
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE Spotter Mirror Revisions							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022					15. PROCURING CONTRACTING OFFICER		
					a. NAME (First, Middle Initial, Last): Greg Dixon		
					b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873		
16. CONFIGURATION ITEM NOMENCLATURE Spotter mirror.						17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN	
19. DESCRIPTION OF CHANGE Revise spotter mirror.							
20. NEED FOR CHANGE The spotter mirror from Velvac with the plastic back does not stick to the mirror and falls off. Revise mirror to a bolt-on unit that will not fall off the mirror and should provide a more durable installation. This would be similar to the bolt-on spotter mirror used on commercial trucks and past Freightliner Military Trucks.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD.					22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None		
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.			
26. SUBMITTING ACTIVITY Barbara J. Vop				b. TITLE BARBARA VOPARIL			
a. AUTHORIZED SIGNATURE 6-Nov-02				CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL							
a. CLASS I (X) Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/H TV		e. SIGNATURE [Signature]		f. DATE SIGNED (YYMMDD) 2002 Nov 26			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAB		i. SIGNATURE [Signature]		j. DATE SIGNED (YYMMDD) 2002 Nov 26	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20021002		Form Approved OMB No. 0704-0188	
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								3. DODACC 64678	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF OF THIS FORM.									
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)				5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217				1		6. JUST. CODE 0	
								7. PRIORITY R	
8. ECP DESIGNATION						9. BASELINE AFFECTED			
a. MODEL TYPE M915A3		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul		() FUNCTIONAL (X) PRODUCT () ALLOCATED			
d. ECP NO. E02-0102				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
a. SYSTEM		CAGE Code	Specification/Document No.		Rev.	SCN	CAGE Code	Number	Rev. NOR
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Battery Box Cut-out									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER			
						a. NAME (First, Middle Initial, Last): Gloria McCracken			
						b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 686-674-6624			
16. CONFIGURATION ITEM NOMENCLATURE Battery Box								17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE				b. PART NO.		c. NSN			
19. DESCRIPTION OF CHANGE Need to add a cut-out to the back of the battery box to allow easier wire routing into the box.									
20. NEED FOR CHANGE Arctic Kit being developed for TACOM required this change and will just add it to all battery boxes.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact.					25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact.				
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE <i>Barbara Voparil</i>					b. TITLE BARBARA VOPARIL CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval () Disapproval Recommended Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV			e. SIGNATURE <i>JLH</i>			f. DATE SIGNED (YYMMDD) 2003 Apr 7			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AG-ATBC		i. SIGNATURE <i>Gloria McCracken</i>		j. DATE SIGNED (YYMMDD) 2003 04 07			

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20021001		Form Approved OMB No. 0704-0188	
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4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		b. ADDRESS (Street, City, State, Zip Code) Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		5. CLASS OF ECP 1		6. JUST. CODE 0	
						7. PRIORITY R	
8. ECP DESIGNATION a. MODEL TYPE M915A3				b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul	
9. BASELINE AFFECTED () FUNCTIONAL (X) PRODUCT () ALLOCATED				10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO			
d. ECP NO. E02-0103				e. TYPE F		f. REV.	
11. SPECIFICATIONS AFFECTED							
CAGE Code		Specification/Document No.		Rev.		SCN	
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
12. DRAWINGS AFFECTED							
CAGE Code		Number		Rev.		NOR	
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE A/C Line Revisions							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER a. NAME (First, Middle Initial, Last): Greg Dixon b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE Air Conditioning System						17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN	
19. DESCRIPTION OF CHANGE Redesign on A/C System from Thermal Expansion Valves to a frontwall mounted junction block.							
20. NEED FOR CHANGE Old Thermal Expansion Valve A/C system used an expensive welded mounting plate, that in a failure, required the system to be replaced. This new system will allow each individual part to be replaced as required.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER L67117 - December 09, 2002				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
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26. SUBMITTING ACTIVITY 14-Oct-02				b. TITLE BARBARA VOPARIL			
a. AUTHORIZED SIGNATURE Barbara J. Voparil				CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL							
a. CLASS I (X) Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV		e. SIGNATURE John Yu		f. DATE SIGNED (YYMMDD) 2002 Nov 26			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAB		i. SIGNATURE L. Gregory M. Dixon		j. DATE SIGNED (YYMMDD) 2002 Nov 26	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20021002		Form Approved OMB No. 0704-0188		
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4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs			b. ADDRESS (Street, City, State, Zip Code) Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217			5. CLASS OF ECP 1		6. JUST. CODE 0		
8. ECP DESIGNATION a. MODEL TYPE M915A3			b. CAGE CODE 64678			c. SYSTEM DESIGNATION Line Haul			7. PRIORITY R	
9. BASELINE AFFECTED () FUNCTIONAL (X) PRODUCT () ALLOCATED			10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO							
d. ECP NO. E02-0104			e. TYPE F		f. REV.					
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED				
CAGE Code		Specification/Document No.		Rev.	SCN	CAGE Code	Number	Rev.	NOR	
a. SYSTEM										
b. DEVELOPMENT										
c. PRODUCT										
13. TITLE OF CHANGE Air Compressor Line Changes										
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER a. NAME (First, Middle Initial, Last): Greg Dixon b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873				
16. CONFIGURATION ITEM NOMENCLATURE Air Compressor								17. IN PRODUCTION (X) YES () NO		
18. ALL LOWER LEVEL ITEMS AFFECTED										
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN				
19. DESCRIPTION OF CHANGE Need to revise the air line from governor to reservoir to match M916A3/M917A2.										
20. NEED FOR CHANGE Revise to 1/4" from 3/8" air lines. No performance issues involved with this change.										
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None				
23. RETROFIT										
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A					
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A					
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.					25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.					
26. SUBMITTING ACTIVITY 14-Oct-02					b. TITLE BARBARA VOPARIL					
a. AUTHORIZED SIGNATURE Barbara J. Voparil					CONTRACTS MANAGER					
27. APPROVAL / DISAPPROVAL										
a. CLASS I (X) Approval () Disapproval Recommended Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change				
d. GOVERNMENT ACTIVITY AMSTA-TREHIV			e. SIGNATURE Mark Pappas			f. DATE SIGNED (YYMMDD) 030916				
g. APPROVAL (X) APPROVED () DISAPPROVED			h. GOVERNMENT ACTIVITY AMSTA-AG-ATBC			i. SIGNATURE Moria McCracken			j. DATE SIGNED (YYMMDD) 030918	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20021002		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.						2. PROCURING ACTIVITY NO.	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.						3. DODACC 64678	
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)		5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		1			
				6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION				9. BASELINE AFFECTED			
a. MODEL TYPE M915A3		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul		() FUNCTIONAL (X) PRODUCT () ALLOCATED	
d. ECP NO. E02-0105				e. TYPE F		f. REV.	
				10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO			
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev. NOR
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE Power Steering Hose Clamps							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last): Greg Dixon			
				b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE Power Steering Hose Clamps						17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN	
19. DESCRIPTION OF CHANGE Freightliner is modifying all power steering hose clamps to constant tension hose clamps.							
20. NEED FOR CHANGE All Freightliner commercial vehicles are making the change from worm gear hose clamps to constant tension hose clamps.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER K37345 - 10/24/02				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.			
26. SUBMITTING ACTIVITY 14-Oct-02				b. TITLE BARBARA VOPARIL			
a. AUTHORIZED SIGNATURE Barbara J. Voparil				CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL							
a. CLASS I (X) Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV		e. SIGNATURE [Signature]		f. DATE SIGNED (YYMMDD) 2002 Nov 26			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAB		i. SIGNATURE [Signature]		j. DATE SIGNED (YYMMDD) 2002 Nov 26	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20021003		Form Approved OMB No. 0704-0188			
<p>Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.</p> <p>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</p>						2. PROCURING ACTIVITY NO.			
						3. DODACC 64678			
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)		5. CLASS OF ECP		6. JUST. CODE		7. PRIORITY	
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		1		0		R	
8. ECP DESIGNATION				9. BASELINE AFFECTED					
a. MODEL TYPE M915A3		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul		() FUNCTIONAL (X) PRODUCT () ALLOCATED			
d. ECP NO. E02-0106				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED					
CAGE Code				Specification/Document No.		Rev.		SCN	
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Grab Handle Backing Plate									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER					
				a. NAME (First, Middle Initial, Last): Greg Dixon					
				b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873					
16. CONFIGURATION ITEM NOMENCLATURE Grab Handle Backing Plate								17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN			
19. DESCRIPTION OF CHANGE Revising the tapped hole in the grab handle backing plate to a rivnut for the TMP.									
20. NEED FOR CHANGE TMP has been stripping out several of these plates each day. This will prevent this from happening in production each day.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None					
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A					
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A					
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.					
26. SUBMITTING ACTIVITY 14-Oct-02				b. TITLE BARBARA VOPARIL					
a. AUTHORIZED SIGNATURE Barbara J. Voparil				CONTRACTS MANAGER					
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval () Disapproval Recommended Recommended				b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV				e. SIGNATURE John L. Tubbs		f. DATE SIGNED (YYMMDD) 2002 Nov 26			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAB		i. SIGNATURE Gregory M. Dixon		j. DATE SIGNED (YYMMDD) 2002 Nov 26			

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20020916		Form Approved OMB No. 0704-0188	
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PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.						3. DODACC 64678	
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		b. ADDRESS (Street, City, State, Zip Code) Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		5. CLASS OF ECP 1		6. JUST. CODE 0	
				7. PRIORITY R			
8. ECP DESIGNATION				9. BASELINE AFFECTED () FUNCTIONAL (X) PRODUCT () ALLOCATED			
a. MODEL TYPE M915A3		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
d. ECP NO. E02-0107		e. TYPE F		f. REV.			
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev. NOR
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE Dash Support Bracket Revision							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER a. NAME (First, Middle Initial, Last): Greg Dixon b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE Dash Support Bracket						17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN	
19. DESCRIPTION OF CHANGE The Portland Truck Plant is revising a dash support bracket so it clears a wiper switch.							
20. NEED FOR CHANGE Commercial trucks are affected by this revision, but we share this bracket.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact			
26. SUBMITTING ACTIVITY 14-Oct-02				b. TITLE BARBARA VOPARIL			
a. AUTHORIZED SIGNATURE Barbara J. Voparil				CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL							
a. CLASS I (X) Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV		e. SIGNATURE <i>[Signature]</i>		f. DATE SIGNED (YYMMDD) 2003 Jan 24			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAB		i. SIGNATURE <i>[Signature]</i>		j. DATE SIGNED (YYMMDD) 03 Jan 27	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20020923		Form Approved OMB No. 0704-0188	
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						3. DODACC 64678	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.							
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)		5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		1			
				6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION				9. BASELINE AFFECTED			
a. MODEL TYPE M915A3		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul			
				() FUNCTIONAL (X) PRODUCT () ALLOCATED			
d. ECP NO. E02-0109				e. TYPE F		f. REV.	
				10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO			
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
a. SYSTEM		CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE Allison Transmission Electronic Dipstick Addition							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last): Gloria McCracken			
				b. CODE: AMSTA-AQ-ATBD c. TELEPHONE NO: 686-674-6624			
16. CONFIGURATION ITEM NOMENCLATURE Electronic Dipstick Transmission						17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE Transmission				b. PART NO. S07-19081-000		c. NSN	
19. DESCRIPTION OF CHANGE Allison Transmission has made the Electronic Dipstick mandatory on the HD-4560 Transmission.							
20. NEED FOR CHANGE Mandatory change from Allison							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER 1/14/2002 - K93976				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.			
26. SUBMITTING ACTIVITY				BARBARA J. VOPARIL CONTRACTS MANAGER			
a. AUTHORIZED SIGNATURE							
27. APPROVAL / DISAPPROVAL				18-Jun-03			
a. CLASS I (X) Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV		e. SIGNATURE John L. Tubbs		f. DATE SIGNED (YYMMDD) 2003 Jul 8			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC		i. SIGNATURE Gloria McCracken		j. DATE SIGNED (YYMMDD) 030709	

DAAE07-00-D-S022

P00004

ATTACHMENT

P-19

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20021003		Form Approved OMB No. 0704-0188	
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						3. DODACC 64678	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.							
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)		5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		1			
				6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION				9. BASELINE AFFECTED			
a. MODEL TYPE M915A3		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul		() FUNCTIONAL (X) PRODUCT () ALLOCATED	
d. ECP NO. E02-0118		e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE Coolant Filter Product Improvement							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last): Greg Dixon			
				b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE Cooling System						17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE See attached parts listing.			b. PART NO. See attached		c. NSN		
19. DESCRIPTION OF CHANGE Detroit Diesel requests the change to a different water filter for the cooling system.							
20. NEED FOR CHANGE Detroit Diesel requests this change to a Borate-based coolant filter for the Series 60 engine.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER J38571 - April 19, 2002				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.			
26. SUBMITTING ACTIVITY 14-Oct-02				b. TITLE BARBARA VOPARIL			
a. AUTHORIZED SIGNATURE Barbara J. Voparil				CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL							
a. CLASS I (X) Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV		e. SIGNATURE [Signature]		f. DATE SIGNED (YYMMDD) 2003 Jan 24			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAS		i. SIGNATURE [Signature]		j. DATE SIGNED (YYMMDD) 03 Jan 27	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20021105		Form Approved OMB No. 0704-0188			
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						3. DODACC 64678			
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		b. ADDRESS (Street, City, State, Zip Code) Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		5. CLASS OF ECP 1		6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION a. MODEL TYPE M915A3/16A3/17A2 b. CAGE CODE 64678 c. SYSTEM DESIGNATION Line Haul/MET/Dump				9. BASELINE AFFECTED () FUNCTIONAL (X) PRODUCT () ALLOCATED					
d. ECP NO. E02-0124		e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO			
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED					
		CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.	NOR
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE 3/8" Weld Studs - Chassis Plumbing									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022					15. PROCURING CONTRACTING OFFICER a. NAME (First, Middle Initial, Last): Greg Dixon b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873				
16. CONFIGURATION ITEM NOMENCLATURE 3/8" Weld Studs								17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN			
19. DESCRIPTION OF CHANGE Revise chassis tiedown 1/4" weld studs to 3/8" weld studs.									
20. NEED FOR CHANGE Western Star uses a 3/8" weld stud that Freightliner Engineering and the Truck Manufacturing Plant like because of its increased strength. The current weld stud is a 1/4" part that has not created any issues during durability tests, but revising the Military Trucks to the 3/8" weld stud will allow the Freightliner and Western Star trucks to share this common installation.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD.					22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None				
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.					25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.				
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE Barbara J. Vop 6-Nov-02					b. TITLE BARBARA VOPARIL CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval () Disapproval Recommended Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV			e. SIGNATURE [Signature]			f. DATE SIGNED (YYMMDD) 2002 Nov 26			
g. APPROVAL (X) APPROVED () DISAPPROVED			h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAB			i. SIGNATURE Gregory M. Dixon			j. DATE SIGNED (YYMMDD) 2002 Nov 26

DAAE07-00-D-S022

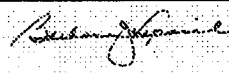
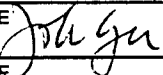
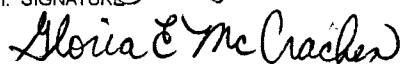
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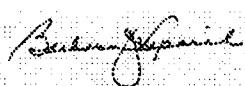
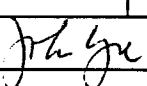

ATTACHMENT

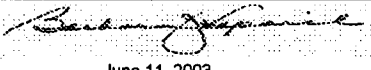
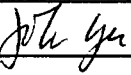

P. 21¹¹

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20021028		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.						2. PROCURING ACTIVITY NO.	
						3. DODACC 64678	
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)		5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		1		7. PRIORITY R	
8. ECP DESIGNATION				9. BASELINE AFFECTED			
a. MODEL TYPE M915A3/916A3/917A2		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul/MET/Dump		() FUNCTIONAL (X) PRODUCT () ALLOCATED	
d. ECP NO. E02-0125		e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE Starter Motor Part Number Changes							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last): Greg Dixon			
				b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE 24V Starter Motor						17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE 24V Starter Motor				b. PART NO. LN 7400MC		c. NSN	
19. DESCRIPTION OF CHANGE Leece Neville has advised Freightliner engineering (Non-Military) that the part number 7400MC is no longer valid and we should be using 7400ME.							
20. NEED FOR CHANGE 7400MC part number is not valid and is replaced by 7400ME per Leece Neville.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER J56913 - December 21, 2001				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts.				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts.			
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE Barbara J. Vop 6-Nov-02				b. TITLE BARBARA VOPARIL CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL							
a. CLASS I (X) Approval Recommended		b. CLASS II () Disapproval Recommended		c. CLASS II () Approval () Disapproved		() Concur in Classification of Change () Do Not Concur in Classification of Change	
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV		e. SIGNATURE <i>[Signature]</i>		f. DATE SIGNED (YYMMDD) 2003/01/22			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAB		i. SIGNATURE <i>[Signature]</i>		j. DATE SIGNED (YYMMDD) 03 Jan 27	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20021106		Form Approved OMB No. 0704-0188			
<p>Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503</p> <p>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</p>						2. PROCURING ACTIVITY NO.			
						3. DODACC 64678			
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		b. ADDRESS (Street, City, State, Zip Code) Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		5. CLASS OF ECP 1		6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION a. MODEL TYPE M915A3				b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul			
d. ECP NO. E02-0126				e. TYPE F		f. REV.		9. BASELINE AFFECTED () FUNCTIONAL (X) PRODUCT () ALLOCATED	
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED					
		CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.	NOR
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Accessory Drive Belt Tensioner									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-5022						15. PROCURING CONTRACTING OFFICER a. NAME (First, Middle Initial, Last): Greg Dixon b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE Accessory Drive Belt Tensioner								17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN			
19. DESCRIPTION OF CHANGE Detroit Diesel has made revisions to the accessory drive belt tensioner to improve its durability.									
20. NEED FOR CHANGE Commercial and Military trucks will all make this change. The old part will no longer be produced. The owner of the truck will not be able to see the difference between old and new parts.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A					
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A					
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact					
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE Barbara J. Vo 6-Nov-02				b. TITLE BARBARA VOPARIL CONTRACTS MANAGER					
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval Recommended			b. CLASS II () Approval () Disapproved Recommended			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/H TV			e. SIGNATURE [Signature]			f. DATE SIGNED (YYMMDD) 2003 Jan 24			
g. APPROVAL (X) APPROVED () DISAPPROVED			h. GOVERNMENT ACTIVITY AMSTA-AQ-ATAS			i. SIGNATURE [Signature]			j. DATE SIGNED (YYMMDD) 03 Jan 27

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20030220		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.								2. PROCURING ACTIVITY NO.	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.								3. DODACC 64678	
4. ORIGINATOR			b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs			Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217			1			
						6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION						9. BASELINE AFFECTED			
a. MODEL TYPE M915A3/6A3/7A2		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul/MET/Dump		() FUNCTIONAL (X) PRODUCT () ALLOCATED			
d. ECP NO. E02-0127				e. TYPE F	f. REV.	10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO			
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.			Rev.	SCN	CAGE Code	Number	
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Front Brake Hose Revisions									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER			
						a. NAME (First, Middle Initial, Last): Ms. Gloria McCracken			
						b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 686-574-6524			
16. CONFIGURATION ITEM NOMENCLATURE Front brake hoses								17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.					b. PART NO. See attached		c. NSN		
19. DESCRIPTION OF CHANGE Freightliner is revising all commercial trucks from wirebraid service brake hoses to a fabric braid hoses to improve the durability of the hose on a steer axle application.									
20. NEED FOR CHANGE All vehicles built at Freightliner have been requested to make this change from the brake design group. The Military trucks do not require this change, but would like to keep the vehicles as similar to commercial as possible, especially with respect to brake components.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impacts					25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impacts				
26. SUBMITTING ACTIVITY						b. TITLE		20-Mar-03	
a. AUTHORIZED SIGNATURE 						BARBARA VOPARIL CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval () Disapproval Recommended Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV				e. SIGNATURE 			f. DATE SIGNED (YYMMDD) 2003 Jun 5		
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC		i. SIGNATURE 			j. DATE SIGNED (YYMMDD) 2003 06 09		

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20030423		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.						2. PROCURING ACTIVITY NO.	
						3. DODACC 64678	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.							
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)		5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		1			
				6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION				9. BASELINE AFFECTED			
a. MODEL TYPE M915A3/M917A2		b. CAGE CODE 64678		() FUNCTIONAL (X) PRODUCT () ALLOCATED			
c. SYSTEM DESIGNATION Line Haul / Dump							
d. ECP NO. E02-0128		e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
CAGE Code		Specification/Document No.		Rev.	SCN	CAGE Code	Number
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE Grab Handle Part Number Revisions							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last): Ms. Gloria McCracken			
				b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 686-674-6624			
16. CONFIGURATION ITEM NOMENCLATURE Cab Grab Handle						17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN See attached	
19. DESCRIPTION OF CHANGE Portland TMP has a new process for e-coating the cabs and the grab handle part numbers need to be revised so the correct parts are called out.							
20. NEED FOR CHANGE See above description.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact			
26. SUBMITTING ACTIVITY				b. TITLE			
a. AUTHORIZED SIGNATURE 				BARBARA VOPARIL CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL				24-Apr-03			
a. CLASS I (X) Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV		e. SIGNATURE 		f. DATE SIGNED (YYMMDD) 2003 Jun 5			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AG-ATBC		i. SIGNATURE 		j. DATE SIGNED (YYMMDD) 20030609	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20030605		Form Approved OMB No. 0704-0188			
<p>Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.</p> <p>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</p>						2. PROCURING ACTIVITY NO.			
						3. DODACC 64678			
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		b. ADDRESS (Street, City, State, Zip Code) Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		5. CLASS OF ECP 1		6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION a. MODEL TYPE M915A3/6A3/7A2				b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul/MET/Dump		9. BASELINE AFFECTED () FUNCTIONAL (X) PRODUCT () ALLOCATED	
d. ECP NO. E03-0129				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
		CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.	NOR
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Horn Button Revisions									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER a. NAME (First/Middle Initial, Last): Ms. Gloria McCracken b. CODE: AMSTA-AQ-ATBD c. TELEPHONE NO: 586-574-6524			
16. CONFIGURATION ITEM NOMENCLATURE Steering Wheel Horn Button								17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN See attached			
19. DESCRIPTION OF CHANGE The horn button for the steering wheel is being retooled so that it is molded from a single PVC piece instead of a PVC base, sanoprene insert, and double sided tape.									
20. NEED FOR CHANGE Simplify the manufacturing of this part. There is no service impact with this change. Old and new parts can be mixed. The new part will be used in aftermarket and service.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact					25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact				
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE 					BARBARA J. VOPARIL CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL June 11, 2003									
a. CLASS I (X) Approval () Disapproval Recommended Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV			e. SIGNATURE 			f. DATE SIGNED (YYMMDD) 2003 Jun 8			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AG-ATBC		i. SIGNATURE 		j. DATE SIGNED (YYMMDD) 030709			

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20021217		Form Approved OMB No. 0704-0188	
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4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)				5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217				1			
						6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION						9. BASELINE AFFECTED			
a. MODEL TYPE M915A3/916A3/917A2		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul/MET/Dump		() FUNCTIONAL (X) PRODUCT () ALLOCATED			
d. ECP NO. E02-0130				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
		CAGE Code		Specification/Document No.		Rev.		NOR	
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Door Foam Tape Change									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER			
						a. NAME (First, Middle Initial, Last): Greg Dixon			
						b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 686-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE Door - Cab								17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.						b. PART NO. See attached		c. NSN	
19. DESCRIPTION OF CHANGE Door Foam Tape is being revised per the new cab e-coat process.									
20. NEED FOR CHANGE The new e-coat process for the cab is very hot and the current door foam will not live in that environment. Manufacturing Engineering has switched to a door foam that will endure the e-coat process.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact					25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact				
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE Barbara J. Voparil January 31, 2003					b. TITLE BARBARA VOPARIL CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL									
a. CLASS I (X) Approval () Disapproval Recommended Recommended				b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change		
d. GOVERNMENT ACTIVITY AMSTA-TR-EI/HTV				e. SIGNATURE John you			f. DATE SIGNED (YYMMDD) 2003 Apr 7		
g. APPROVAL (X) APPROVED () DISAPPROVED				h. GOVERNMENT ACTIVITY AMSTA-AA-ATBC			i. SIGNATURE Heina McPadden		
							j. DATE SIGNED (YYMMDD) 20030407		

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20030127		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.								2. PROCURING ACTIVITY NO.	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.									
4. ORIGINATOR			b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs			Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217			1			
						6. JUST. CODE		7. PRIORITY	
						0		R	
8. ECP DESIGNATION						9. BASELINE AFFECTED			
a. MODEL TYPE		b. CAGE CODE		c. SYSTEM DESIGNATION		() FUNCTIONAL (X) PRODUCT			
M915A3		64678		Line Haul		() ALLOCATED			
d. ECP NO. E03-0132				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED	
								() YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
		CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.	NOR
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE									
Transmission Revisions									
14. CONTRACT NO. AND LINE ITEM						15. PROCURING CONTRACTING OFFICER			
DAAE07-00-D-S022						a. NAME (First, Middle Initial, Last): Greg Dixon			
						b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-675-6873			
16. CONFIGURATION ITEM NOMENCLATURE								17. IN PRODUCTION	
Transmission Revisions								() YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE				b. PART NO.		c. NSN			
See attached parts listing.				See attached					
19. DESCRIPTION OF CHANGE									
Allison is improving the rear yoke seal.									
20. NEED FOR CHANGE									
Allison has redesigned the rear of the HD 4560P transmission to improve the rear output shaft seal. A mud and dust slinger has been added to the rear seal. A new part number will be required for this change. The new assembly will have the yoke added by Allison.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE			
February 6, 2003 is when the old trans is no longer available.						None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY				b. SHIP / VEHICLE CLASS AFFECTED					
N/A				N/A					
c. ESTIMATED KIT DELIVERY SCHEDULE				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED					
N/A				N/A					
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT				25. ESTIMATED NET TOTAL COSTS / SAVINGS					
No cost impact				No cost impact					
26. SUBMITTING ACTIVITY				b. TITLE					
Barbara J. Voparil				BARBARA VOPARIL					
a. AUTHORIZED SIGNATURE				CONTRACTS MANAGER					
January 31, 2003									
27. APPROVAL / DISAPPROVAL									
a. CLASS I			b. CLASS II			c. CLASS II			
(X) Approval () Disapproval			() Approval () Disapproved			() Concur in Classification of Change () Do Not Concur in Classification of Change			
Recommended Recommended									
d. GOVERNMENT ACTIVITY			e. SIGNATURE			f. DATE SIGNED (YYMMDD)			
AMSTA-TR-E/HTV			[Signature]			2003 Apr 7			
g. APPROVAL		h. GOVERNMENT ACTIVITY		i. SIGNATURE		j. DATE SIGNED (YYMMDD)			
(X) APPROVED		AMSTA-AQ-ATBC		[Signature]		2003 Apr 7			
() DISAPPROVED									

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20030403		Form Approved OMB No. 0704-0188		
<p>Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503</p> <p>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</p>						2. PROCURING ACTIVITY NO.		
						3. DODACC 64678		
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		b. ADDRESS (Street, City, State, Zip Code) Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		5. CLASS OF ECP 1				
				6. JUST. CODE 0	7. PRIORITY R			
8. ECP DESIGNATION a. MODEL TYPE M915A3				9. BASELINE AFFECTED () FUNCTIONAL (X) PRODUCT () ALLOCATED				
b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO				
d. ECP NO. E03-0134		e. TYPE F	f. REV.					
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED		
	CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.	NOR
a. SYSTEM								
b. DEVELOPMENT								
c. PRODUCT								
13. TITLE OF CHANGE Windshield Center Post Paint Change								
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER a. NAME (First, Middle Initial, Last): Ms. Gloria McCracken b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 686-674-6624				
16. CONFIGURATION ITEM NOMENCLATURE Winshield Center Post							17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED								
a. NOMENCLATURE See attached parts listing.			b. PART NO. See attached		c. NSN 5340-01-336-4022			
19. DESCRIPTION OF CHANGE TMP receives this part with primer on it from the supplier. Need to get this from the supplier with the correct topcoat paint already applied so the TMP does not have to repaint it.								
20. NEED FOR CHANGE See above description.								
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER TBD				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None				
23. RETROFIT								
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact				
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE <i>Barbara Voparil</i> 15-Apr-03				b. TITLE BARBARA VOPARIL CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL								
a. CLASS I (X) Approval () Disapproval Recommended Recommended		b. CLASS II () Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change				
d. GOVERNMENT ACTIVITY AMSTA-TR-EI/HTV		e. SIGNATURE <i>JL Tubbs</i>		f. DATE SIGNED (YYMMDD) 2003 Apr 5				
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC		i. SIGNATURE <i>Gloria McCracken</i>		j. DATE SIGNED (YYMMDD) 20030609		

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20030423		Form Approved OMB No. 0704-0188		
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503								2. PROCURING ACTIVITY NO.		
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.								3. DODACC 64678		
4. ORIGINATOR			b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP				
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs			Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217			1				
						6. JUST. CODE 0		7. PRIORITY R		
8. ECP DESIGNATION						9. BASELINE AFFECTED				
a. MODEL TYPE M917A2		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Dump		() FUNCTIONAL (X) PRODUCT () ALLOCATED				
d. ECP NO. E03-0135				e. TYPE F	f. REV.	10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO				
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED				
		CAGE Code	Specification/Document No.		Rev.	SCN	CAGE Code	Number	Rev.	NOR
a. SYSTEM										
b. DEVELOPMENT										
c. PRODUCT										
13. TITLE OF CHANGE Front Fender Extensions										
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER				
						a. NAME (First, Middle Initial, Last): Ms. Gloria McCracken				
						b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 586-574-6524				
16. CONFIGURATION ITEM NOMENCLATURE Front Axle Fender Extensions									17. IN PRODUCTION (X) YES () NO	
18. ALL LOWER LEVEL ITEMS AFFECTED										
a. NOMENCLATURE See attached parts listing.					b. PART NO. See attached		c. NSN See attached			
19. DESCRIPTION OF CHANGE New front fender extension has been developed with Griffith Rubber.										
20. NEED FOR CHANGE The old front fender extensions were made from two different types of rubber parts used on the FLD SD model Freightliners. The Truck Plant proposed that we design a new rubber fender extension that would look nicer and be easier for the Truck Plant to install.										
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER J38656 - Build date 3/18/2003						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None				
23. RETROFIT										
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A					
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A					
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact					25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact					
26. SUBMITTING ACTIVITY						b. TITLE				
a. AUTHORIZED SIGNATURE <i>Barbara Voparil</i> 4/23/2003						BARBARA VOPARIL CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL										
a. CLASS I (X) Approval () Disapproval Recommended Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change				
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV			e. SIGNATURE <i>John G...</i>			f. DATE SIGNED (YYMMDD) 2003 Jun 5				
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC		i. SIGNATURE <i>Gloria McCracken</i>		j. DATE SIGNED (YYMMDD) 2003 0609				

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20030617		Form Approved OMB No. 0704-0188									
<p>Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defence, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503</p> <p>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</p>								2. PROCURING ACTIVITY NO.									
								3. DODACC 64678									
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)				5. CLASS OF ECP		6. JUST. CODE		7. PRIORITY							
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217				1		0		R							
8. ECP DESIGNATION						9. BASELINE AFFECTED											
a. MODEL TYPE M917A2		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Dump		() FUNCTIONAL (X) PRODUCT () ALLOCATED											
d. ECP NO. E03-0136				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO									
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED											
		CAGE Code		Specification/Document No.		Rev.		SCN		CAGE Code		Number		Rev.		NOR	
a. SYSTEM																	
b. DEVELOPMENT																	
c. PRODUCT																	
13. TITLE OF CHANGE Dump Body Part Number Revisions																	
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER											
						a. NAME (First, Middle Initial, Last): Ms. Gloria McCracken											
						b. CODE: AMSTA-AQ-ATBD c. TELEPHONE NO: 586-574-6524											
16. CONFIGURATION ITEM NOMENCLATURE Dump Body												17. IN PRODUCTION (X) YES () NO					
18. ALL LOWER LEVEL ITEMS AFFECTED																	
a. NOMENCLATURE See attached parts listing.						b. PART NO. See attached				c. NSN See attached							
19. DESCRIPTION OF CHANGE The Dump bodies used on the M917A1 were using identical part numbers from Crysteel. The part numbers of a M917A1 and M917A2 Dump Body should be revised to show the differences.																	
20. NEED FOR CHANGE The M917A2 will use LED lights per the S022 contract and the hoses used for plumbing the PTO are different lengths as well.																	
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER ASAP										22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None							
23. RETROFIT																	
a. RECOMMENDED ITEM EFFECTIVITY N/A						b. SHIP / VEHICLE CLASS AFFECTED N/A											
c. ESTIMATED KIT DELIVERY SCHEDULE N/A						d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A											
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact						25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact											
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE 17-Jun-03										b. TITLE BARBARA J. VOPARIL CONTRACTS MANAGER							
27. APPROVAL / DISAPPROVAL																	
a. CLASS I () Approval () Disapproval Recommended Recommended						b. CLASS II (X) Approval () Disapproved						c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change					
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV						e. SIGNATURE Mark Popsen						f. DATE SIGNED (YYMMDD) 03 Aug 25					
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC				i. SIGNATURE Gloria McCracken						j. DATE SIGNED (YYMMDD) 030826					

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20030609		Form Approved OMB No. 0704-0188		
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4. ORIGINATOR			b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP				
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs			Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217			1				
						6. JUST. CODE 0		7. PRIORITY R		
8. ECP DESIGNATION						9. BASELINE AFFECTED				
a. MODEL TYPE M915A3/6A3/7A2		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul/MET/Dump		() FUNCTIONAL (X) PRODUCT () ALLOCATED				
d. ECP NO. E03-0137				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO		
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED				
		CAGE Code	Specification/Document No.		Rev.	SCN	CAGE Code	Number	Rev.	NOR
a. SYSTEM										
b. DEVELOPMENT										
c. PRODUCT										
13. TITLE OF CHANGE Hose Clamp Revisions										
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER				
						a. NAME (First, Middle Initial, Last): Ms. Gloria McCracken				
						b. CODE: AMSTA-LC-CHAB c. TELEPHONE NO: 686-574-6524				
16. CONFIGURATION ITEM NOMENCLATURE Hose Clamp Revisions									17. IN PRODUCTION (X) YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED										
a. NOMENCLATURE See attached parts listing.					b. PART NO. See attached		c. NSN See attached			
19. DESCRIPTION OF CHANGE The vent hose barb for the radiator is only 10mm wide. The clamp we currently call out is 15 mm wide and tends to ride on the bead of that barb, potentially providing a leak path.										
20. NEED FOR CHANGE The TMP wants to revise this clamp to a 8 mm wide clamp used by Western Star. This will provide a much better seal at this hose barb. The commercial trucks had this barb lengthened, but this was not possible on the Military trucks.										
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER ASAP						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None				
23. RETROFIT										
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A					
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A					
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact					25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact					
26. SUBMITTING ACTIVITY					TITLE BARBARA VOPARIL					
a. AUTHORIZED SIGNATURE 9-Jun-03					CONTRACTS MANAGER					
27. APPROVAL / DISAPPROVAL										
a. CLASS I (X) Approval () Disapproval Recommended			b. CLASS II () Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change				
d. GOVERNMENT ACTIVITY AMSTA-T2-EI/HTV			e. SIGNATURE Jh Lgn			f. DATE SIGNED (YYMMDD) 03 Jun 10				
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC		i. SIGNATURE Gloria McCracken		j. DATE SIGNED (YYMMDD) 030610				

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20030617		Form Approved OMB No. 0704-0188	
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4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)		5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		1			
8. ECP DESIGNATION				6. JUST. CODE		7. PRIORITY	
a. MODEL TYPE M915A3/6A3/7A2		b. CAGE CODE 64678		0		R	
		c. SYSTEM DESIGNATION Line Haul/MET/Dump		9. BASELINE AFFECTED			
d. ECP NO. E03-0139		e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED	
						() YES (X) NO	
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.	Rev.	SCN	CAGE Code	Number	Rev.
a. SYSTEM							
b. DEVELOPMENT							
c. PRODUCT							
13. TITLE OF CHANGE Fan Switch EDM Part Number Revision							
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last): Ms. Gloria McCracken			
				b. CODE: AMSTA-AQ-ATBD c. TELEPHONE NO: 586-574-6524			
16. CONFIGURATION ITEM NOMENCLATURE Engine Fan						17. IN PRODUCTION	
						() YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN See attached	
19. DESCRIPTION OF CHANGE Kysor is supplying a fan switch that needs a revision to better work with DDEC IV for the engine.							
20. NEED FOR CHANGE Kysor is revising to a new part number for all commercial and Military vehicles.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER ASAP				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact				25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact			
26. SUBMITTING ACTIVITY				LE BARBARA VOPARIL			
a. AUTHORIZED SIGNATURE <i>Barbara Voparil</i>				CONTRACTS MANAGER			
27. APPROVAL / DISAPPROVAL 25-Jun-03							
a. CLASS I () Approval () Disapproval Recommended Recommended		b. CLASS II (X) Approval () Disapproved		c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV		e. SIGNATURE <i>Mark Pappun</i>		f. DATE SIGNED (YYMMDD) 030813			
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBD		i. SIGNATURE <i>Cherry M. Dyer</i>		j. DATE SIGNED (YYMMDD) 030819	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 20030624		Form Approved OMB No. 0704-0188			
<p>Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503</p> <p>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</p>						2. PROCURING ACTIVITY NO.			
						3. DODACC 64678			
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs		b. ADDRESS (Street, City, State, Zip Code) Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217		5. CLASS OF ECP 1		6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION						9. BASELINE AFFECTED () FUNCTIONAL (X) PRODUCT () ALLOCATED			
a. MODEL TYPE M915A3/6A3/7A2		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul/MET/Dump		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO			
d. ECP NO. E03-0140		e. TYPE F		f. REV.		11. SPECIFICATIONS AFFECTED		12. DRAWINGS AFFECTED	
		CAGE Code		Specification/Document No.		Rev.		SCN	
a. SYSTEM						CAGE Code		Number	
b. DEVELOPMENT						CAGE Code		Number	
c. PRODUCT						CAGE Code		Number	
13. TITLE OF CHANGE HVAC Air Intake Duct Revision									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022					15. PROCURING CONTRACTING OFFICER a. NAME (First, Middle Initial, Last): Ms. Gloria McCracken b. CODE: AMSTA-AQ-ATBD c. TELEPHONE NO: 586-574-6524				
16. CONFIGURATION ITEM NOMENCLATURE HVAC Air Intake Duct							17. IN PRODUCTION () YES (X) NO		
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.					b. PART NO. See attached		c. NSN See attached		
19. DESCRIPTION OF CHANGE Current HVAC air intake duct A22-32031-000 will be replaced with duct A22-58898-000.									
20. NEED FOR CHANGE Body Engineering at Freightliner is combining two different air intake ducts and making one part that can be used on both models. There is no affect on form, fit, and function of the new part versus the old part.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER ASAP					22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None				
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A					b. SHIP / VEHICLE CLASS AFFECTED N/A				
c. ESTIMATED KIT DELIVERY SCHEDULE N/A					d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A				
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact					25. ESTIMATED NET TOTAL COSTS / SAVINGS cost impact				
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE 25-Jun-03					TITLE BARBARA VOPARIL CONTRACTS MANAGER				
27. APPROVAL / DISAPPROVAL									
a. CLASS I () Approval () Disapproval Recommended Recommended			b. CLASS II (X) Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV			e. SIGNATURE Mark Pappan			f. DATE SIGNED (YYMMDD) 030813			
g. APPROVAL (X) APPROVED () DISAPPROVED			h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC			i. SIGNATURE Gloria McCracken			
						j. DATE SIGNED (YYMMDD) 030814			

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 20030722		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROGRAMING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.								2. PROCURING ACTIVITY NO.	
								3. DODACC 64678	
4. ORIGINATOR			b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP			
a. TYPED NAME (First, Middle Initial, Last) Jon L. Tubbs			Freightliner LLC 4747 N. Channel Ave. Portland, Oregon 97217			1			
						6. JUST. CODE 0		7. PRIORITY R	
8. ECP DESIGNATION						9. BASELINE AFFECTED			
a. MODEL TYPE M915A3/6A3/7A2		b. CAGE CODE 64678		c. SYSTEM DESIGNATION Line Haul/MET/Dump		() FUNCTIONAL (X) PRODUCT () ALLOCATED			
d. ECP NO. E03-0142				e. TYPE F		f. REV.		10. OTHER SYS./CONFIG. ITEMS AFFECTED () YES (X) NO	
11. SPECIFICATIONS AFFECTED						12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.			Rev.	SCN	CAGE Code	Number	Rev. NOR
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE Battery Cable Clamp Revision									
14. CONTRACT NO. AND LINE ITEM DAAE07-00-D-S022						15. PROCURING CONTRACTING OFFICER			
						a. NAME (First, Middle Initial, Last): Ms. Gloria McCracken			
						b. CODE: AMSTA-AQ-ATBD c. TELEPHONE NO: 586-574-6524			
16. CONFIGURATION ITEM NOMENCLATURE Battery Cable Clamp Revision								17. IN PRODUCTION () YES (X) NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE See attached parts listing.				b. PART NO. See attached		c. NSN See attached			
19. DESCRIPTION OF CHANGE Portland TMP is consolidating clamps on all trucks to keep the installations simple. Military Trucks are affected by this revision.									
20. NEED FOR CHANGE TMP is simplifying the clamps used on the battery cables for all trucks. There is not change in form/fit/function for this revision.									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER ASAP						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE None			
23. RETROFIT									
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A					
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A					
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT No cost impact						25. ESTIMATED NET TOTAL COSTS / SAVINGS No cost impact			
26. SUBMITTING ACTIVITY				b. TITLE BARBARA VOPARIL CONTRACTS MANAGER					
a. AUTHORIZED SIGNATURE 22-Jul-03									
27. APPROVAL / DISAPPROVAL									
a. CLASS I () Approval () Disapproval Recommended Recommended			b. CLASS II (X) Approval () Disapproved			c. CLASS II () Concur in Classification of Change () Do Not Concur in Classification of Change			
d. GOVERNMENT ACTIVITY AMSTA-TR-E/HTV				e. SIGNATURE Mark Pappas			f. DATE SIGNED (YYMMDD) 030903		
g. APPROVAL (X) APPROVED () DISAPPROVED		h. GOVERNMENT ACTIVITY AMSTA-AQ-ATBC		i. SIGNATURE Gloria McCracken			j. DATE SIGNED (YYMMDD) 030903		

ENGINEERING RELEASE LETTER

ATPD 2288

AMSTA-TR-E/HTV

April 4, 2001

Rev No. 3

M917A2 - Truck Dump Body, 18.5 Ton, 14 Cubic Yard shall be in accordance with ATPD 2288, dated December 16, 1999, modified as follows:

1. Delete paragraph 3.7.1.6 Prelubrication Starting System in its entirety.
2. Section 4, Verification Matrix, delete the following:.

Section	Title	Cert	FVI	SDN	PVT
3.7.1.6	Prelubrication Starting System			X	X

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ATTACHMENT

ENGINEERING RELEASE LETTER

ATPD 2288

AMSTA-TR-E/HTV

May 12, 2003

Rev No. 7

M917A2 - Truck Dump Body, 18.5 Ton, 14 Cubic Yard shall be in accordance with ATPD 2288, dated December 16, 1999, modified as follows:

3.5.4.5 Wood. All non-manufactured wood used in the vehicle shall be heat treated to a core temperature of 56 degrees Celsius for a minimum of 30 minutes.

5.2 Wooden Shipping Containers. All non-manufactured wood used in packaging shall be heat treated to a core temperature of 56 degrees Celsius for a minimum of 30 minutes. The box/pallet manufacturer and the manufacturer of wood used as inner packing shall be affiliated with an inspection agency accredited by the Board of Review of the American Lumber Standard Committee. Each box/pallet shall be marked to show the conformance to the International Plant Protection Convention Standard. Boxes/pallets and any wood used as inner packaging made of non-manufactured wood shall be heat treated. The quality mark shall be placed both ends of the outer packaging, between the end cleats or end battens; on two sides of the pallet.

ENGINEERING RELEASE LETTER
ATPD 2289
AMSTA-TR-E/HTV
Nov 15, 2000

M916A3 - Tractor, Light Equipment Transporter (LET), 68,000 GVWR, 6X6, W/Winch shall be in accordance with ATPD 2289, dated December 16, 1999, modified as follows:

Paragraph 3.5.1.5 - Delete "When specified in the contract or purchase order," in the first sentence.

ENGINEERING RELEASE LETTER

ATPD 2289

AMSTA-TR-E/HTV

April 4, 2001

Rev No. 4

M916A3 - Tractor, Light Equipment Transporter (LET), 68,000 GVWR, 6X6, W/Winch shall be in accordance with ATPD 2289, dated December 16, 1999, modified as follows:

1. Delete paragraph 3.7.1.6 Prelubrication Starting System in its entirety.
2. Section 4, Verification Matrix, delete the following:.

Section	Title	Cert	FVI	SDN	PVT
3.7.1.6	Prelubrication Starting System		X		X

ENGINEERING RELEASE LETTER

ATPD 2289

AMSTA-TR-E/HTV

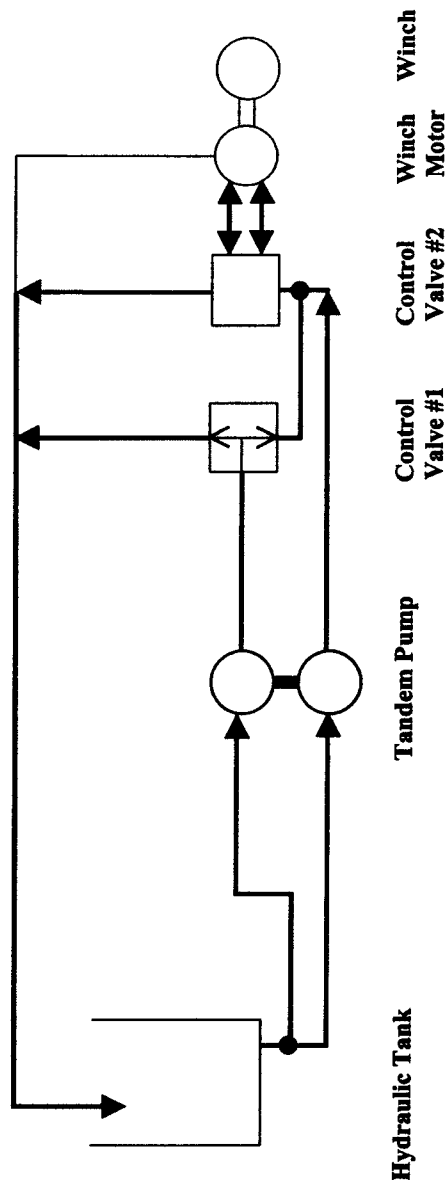
Aug 23, 2001

Rev No. 5

M916A3 - Tractor, Light Equipment Transporter (LET), 68,000 GVWR, 6X6, W/Winch shall be in accordance with ATPD 2289, dated December 16, 1999, modified as follows:

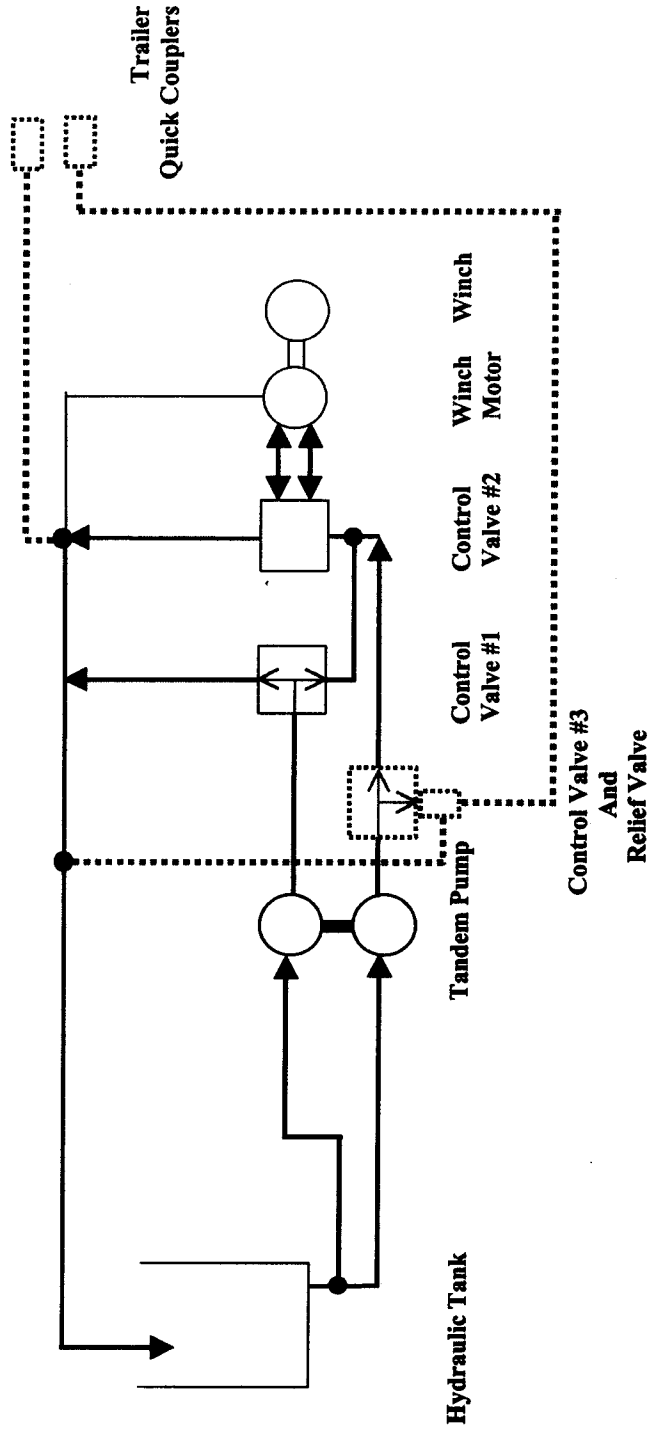
3.8.7.4 Auxiliary Hydraulic System. An auxiliary hydraulic system shall be furnished to provide hydraulic power for the trailer. The system shall consist of hydraulic couplers, protective dust covers, hoses, piping, fittings, control and relief valves. The control valve, PN SVS4, shall divert hydraulic pressure from the winch to the auxiliary hydraulic system. Couplers (Parker FC/FF Series) shall be 3/4 inch quick disconnect type and mounted on the hydraulic control tower. Power side coupler shall be male fitting, PN FC-752-12FO. Return side coupler shall be female type fitting, PN FF-751-12FO. System shall be capable of handling minimum 17 gallons per minute. Working pressure shall be 2500 psi (nominal). The current PTO procedure shall be used to power the auxiliary hydraulic system.

M916A1 Rear Winch Hydraulic Schematic (reference)



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**M916A3 Rear Winch Hydraulic Schematic with Auxiliary Hydraulic System
(Desired Configuration)**



ENGINEERING RELEASE LETTER

ATPD 2289

AMSTA-TR-E/HTV

Oct 30, 2001

Rev No. 6

M916A3 - Tractor, Light Equipment Transporter (LET), 68,000 GVWR, 6X6, W/Winch shall be in accordance with ATPD 2289, dated December 16, 1999, modified as follows:

Add the following paragraphs:

3.4.8 CENTRAL TIRE INFLATION (CTIS)

3.4.8.1 Tire Pressure Control. This system shall allow the driver to adjust all truck tire to any one of four preset tire pressures. System control shall be mounted within the cab so that the full operating range of Army drivers may activate the system while continuing to operate the truck.

3.4.8.2 Installation. A Central Tire Inflation System (CTIS) shall be an integral element of the M916A3.

3.4.8.3 Provision and Storage of Air. The CTIS shall contain necessary compressor and /or stored air capability to meet the inflation and deflation time requirements as stated herein. CTIS shall be operable with and without an operable spare tire. The system shall provide infinitely repeatable adjustable of air pressures among those specified. System recovery time shall be such that the operations in paragraph 3.4.8.9 shall be accomplished within the time limits stated immediately subsequent to and other inflation/deflation activity and are included in those stated times.

3.4.8.4 Manual Tire Inflation/Deflation. The system shall provide for the isolation of any or all tires from the CTIS in the event of CTIS failure for any reason. Valves for manual inflation shall be readily accessible and compatible with the standard on board manual inflation system.

3.4.8.5 Air-Priority System. The CTIS shall incorporate sufficient safeguards to assure that in the event of a tire puncture to one of the rear dual wheels the punctured tire shall be isolated from the rest of the system with a loss of no more than 10 psi to the other tires.

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Also air pressure necessary to continue safe operation of the truck shall be available at all times during activation of CTIS or in the event of CTIS failure. Use of brakes and windshield wipers are minimum requirements for safe operation.

3.4.8.6 Speed/Pressure Control and Warning. The CTIS shall include sensing of the truck speed and comparing indicated speed to the maximum allowable speed for each control setting. In the event the truck speed exceeds maximum allowable speed for that setting a panel-mounted light shall activate warning the driver of this condition. If average speed exceeds maximum allowable speed for a period of more than one minute, the system shall automatically inflate to the appropriate pressure.

3.4.8.6.1 Speed Detection/Driver Alert. Sensors shall alert the truck operator by a flashing amber light whenever speed exceeds that suitable for sustained operation at tire pressures appropriate to mobility requirements. The light shall not activate when in the blackout mode. As a minimum, four pressure settings shall be available to the driver. Settings shall be designated as Emergency, Mud/Snow/Sand, Cross-country, And Highway.

3.4.8.7 Maintenance of Tire Pressure. With the CTIS in operation, tire pressure shall be certified and adjusted at intervals necessary to assure that no more than a 3 p.s.i. (0.2 atm.) variation exists between selected and actual pressure except during the inflation/deflation operation caused by the selection of a new tire pressure. With the CTIS not in operation and the truck engine not running after a twenty four hours, the tire pressure shall not drop below 97% of the pressure which exists before the truck's engine was stopped. No action shall be required of crew personal beyond normal trucks shut down to meet this requirement. The gas law pressure/temperature relations shall be taken into account when determining compliance with this requirement.

3.4.8.8 Operating Environment. The CTIS shall be fully operational under all the operating conditions and environments described herein.

3.4.8.9 Time to Inflation/Deflation. The CTIS shall be capable of operating within the time constraints as listed below showing the maximum time allowed to complete the operation (minutes: seconds).

Inflation From	To	Time Desired	Maximum Time Allowed
Cross-country	Highway	4:00	10:00
Mud & Snow	Cross-country	2:00	3:00
Emergency	Mud & Snow	1:30	2:00

Deflation From	To	Time Desired	Maximum Time Allowed
Highway	Cross-country	3:00	4:00
Cross-country	Mud & Snow	2:00	3:00
Mud & Snow	Emergency	2:00	3:00

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ENGINEERING RELEASE LETTER
ATPD 2289
AMSTA-TR-E/HTV
Oct 16, 2002
Rev No. 8

M916A3 - Tractor, Light Equipment Transporter (LET), 68,000 GVWR, 6X6, W/Winch shall be in accordance with ATPD 2289, dated December 16, 1999, modified as follows:

Add paragraph **"3.7.12.5.1 Trailer ABS Malfunction Circuit.** The tractor shall be equipped with an electrical circuit that is cable of transmitting a malfunction signal from the trailer ABS to the trailer ABS malfunction lamp in the cab. This circuit shall comply with SAE J2497."